



## Construction FAQ

1. **Who is the Owner of the construction project?** Johnson County Wastewater (JCW) is the Owner of most sanitary sewer projects in Johnson County. JCW provides the funding for the projects and administers the design and construction of the project through the Consulting Engineer and Construction Contractor.
2. **Who is the Engineer on the construction project and what is their role?** The Engineer is the company responsible for the design and construction observation/inspection of the project. The Engineer has a staff member on site for construction observation and coordination with the public during construction.
3. **Who is the Contractor on the construction project?** The Contractor is the company responsible for the actual construction of the project. They take the plans prepared by the Engineer and develop the means and methods to build the project.
4. **Who do I need to contact if I have an issue with the construction project?** The Engineer's construction observer should be the primary contact if there are issues during construction. They will communicate with the Engineer's project manager and the Owner if additional input is required to resolve any issues.
5. **What is a sanitary sewer system?** A sanitary sewer system is the conveyance system that collects all municipal, commercial, and industrial wastewater. The sanitary sewer system transports the wastewater to a treatment plant for treatment of the water before it is discharged into a nearby waterway (creek or river)
6. **What is a manhole?** A manhole is a structure installed at specific locations that allow access to sanitary sewer system for inspection and maintenance. The manhole is typically buried and only the cover is visible above ground. Manholes are generally located where the sewer line changes direction.
7. **What is a temporary easement?** A temporary easement is a short term right-of-way authorization that allows for construction of a new or rehabilitation of an existing sanitary sewer system on private property. Temporary construction easements typically have a set duration that start at the beginning of a project and expire when the project is complete.
8. **What is a permanent easement?** A permanent easement is a permanent right-of-way authorization that allows for inspection, operation, and maintenance of a sanitary sewer system on private property. A permanent easement is a legal document that is recorded with the County Records and Tax Administration Department. It allows for indefinite access to the sanitary sewer system and does not expire.
9. **What is a construction limit?** A construction limit is a boundary that may be disturbed due to construction activities related to operation, maintenance, or repair of an existing sanitary sewer line located within an existing permanent easement.
10. **How long will the construction take?** The duration of the construction project is dependent upon the amount of work being completed. Projects can range from a couple of weeks to several years, depending on the size of the project. The contract sets the maximum timeframe

allowed for the Contractor to complete the project. The Contractor is required to submit a schedule at the start of the project detailing how they intend to complete the work within the contract time limit.

11. **What impact will the construction project have on my property?** Each project has a different impact on the properties involved. Initially, the Contractor will mobilize and remove any trees and vegetation in order to install the new sewer line. Typically, sanitary sewers are installed by an open cut trenching method. Large excavation equipment will dig a trench, install the pipe/manholes, and backfill the trench. Typically, a Contractor will attempt to minimize the width and length of trench open at any given time. During excavation, the Contractor will create piles of dirt and rock that will either be used as backfill or be hauled away and disposed of offsite. After the Contractor completes the installation of the main sewer line, it will be tested and any corrections that are needed will be made. After the main line passes all tests and inspections, the Contractor will extend and reconnect service lines. After all service lines have been installed and backfilled, the Contractor will begin final grading and restoration of the disturbed areas.